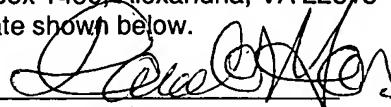


EFW

PATENT  
TH2229 (US)  
DFH:EM

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Donald F. Haas  
Date: August 15, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

is application of

PAUL M. AYOUB, STEVEN C. SUMROW,  
HENK DIRKZWAGER, and  
BRENDAN D. MURRAY

Serial No. 10/772,023

Group Art Unit: 1764

Filed February 4, 2004

METHODS OF PREPARING BRANCHED  
ALKYL AROMATIC HYDROCARBONS

August 15, 2005

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.56 AND 1.97


It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Full text copies of the relevant documents are enclosed.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

PAUL M. AYOUB, STEVEN C. SUMROW,  
HENK DIRKZWAGER, and  
BRENDAN D. MURRAY

By



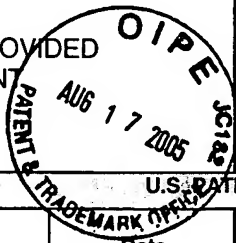
Attorney, Donald F. Haas  
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FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TH2229 (US)APPLICATION NUMBER  
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(Use several sheets if necessary)

APPLICANT  
P. M. Ayoub et al.FILING DATE  
February 4, 2004GROUP ART UNIT  
1764

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

| Examiner Initial | Document No. | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
|------------------|--------------|------|----------|-------|----------|----------------------------|
|                  | AA           |      |          |       |          |                            |
|                  | AB           |      |          |       |          |                            |
|                  | AC           |      |          |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  | Document No. | Date | Country | Class | Subclass | Translation<br>Yes No |  |
|--|--------------|------|---------|-------|----------|-----------------------|--|
|  | AH           |      |         |       |          |                       |  |
|  | AI           |      |         |       |          |                       |  |
|  | AJ           |      |         |       |          |                       |  |

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

|  |    |  |
|--|----|--|
|  | AM |  |
|--|----|--|

## FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

## FOREIGN PATENT OFFICE

|  |    |   |
|--|----|---|
|  | AO | Written Opinion of PCT/US2004/002958 filed 03 February 2004                             |
|  | AP | Written Opinion of PCT/US2004/002954 filed 03 February 2004                             |
|  | AQ | International Preliminary Report on Patentability of PCT/US2004/002954 of 14 March 2005 |
|  | AR | International Search Report of PCT/US2004/002956 of 23 July 2004                        |
|  | AS | Written Opinion of PCT/US2004/002956 of 23 July 2004                                    |
|  | AT | International Preliminary Report on Patentability of PCT/US2004/002956 of 04 July 2005  |
|  | AU | International Preliminary Report on Patentability of PCT/US2004/002888 of 14 March 2005 |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

1. The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
2. This is not a representation that a search has been made.

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
TH2229 (US)APPLICATION NUMBER  
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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

| Examiner Initial |    | Document No. | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
|------------------|----|--------------|------|----------|-------|----------|----------------------------|
|                  | BA |              |      |          |       |          |                            |
|                  | BB |              |      |          |       |          |                            |
|                  | BC |              |      |          |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |    | Document No. | Date | Country | Class | Subclass | Translation |    |
|--|----|--------------|------|---------|-------|----------|-------------|----|
|  |    |              |      |         |       |          | Yes         | No |
|  | BH |              |      |         |       |          |             |    |
|  | BI |              |      |         |       |          |             |    |
|  | BJ |              |      |         |       |          |             |    |

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

|  |    |  |
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## FOREIGN SEARCH REPORT (IF IN ENGLISH) CITING ANY OF THE ABOVE REFERENCES

## FOREIGN PATENT OFFICE

|  |    |   |
|--|----|---|
|  | BO | Written Opinion of PCT/US2004/002888 filed 03 February 2004                               |
|  | BP | Written Opinion of PCT/US2004/003166 filed 03 February 2004                               |
|  | BQ | Written Opinion of PCT/US2004/003010 filed 03 February 2004                               |
|  | BR | International Preliminary Report on Patentability of PCT/US2004/003010 of 03 January 2005 |
|  | BS | Written Opinion of PCT/US2004/003086 filed 02 February 2004                               |
|  | BT | International Preliminary Report on Patentability of PCT/US2004/003086 of 14 March 2005   |
|  | BU |   |

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